

FIGURE 1

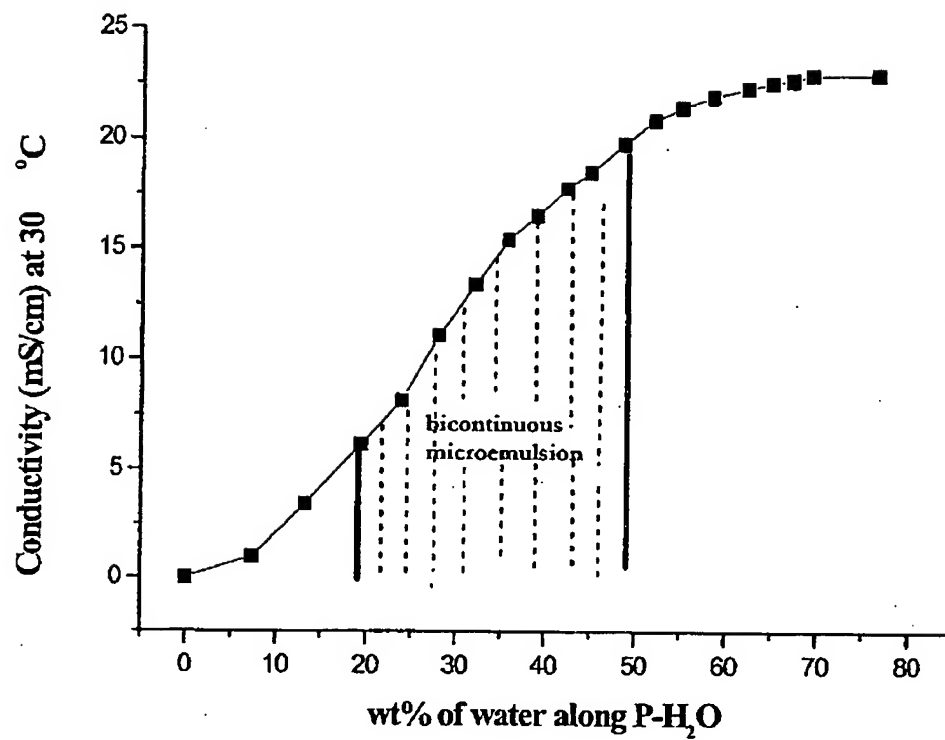


FIGURE 2

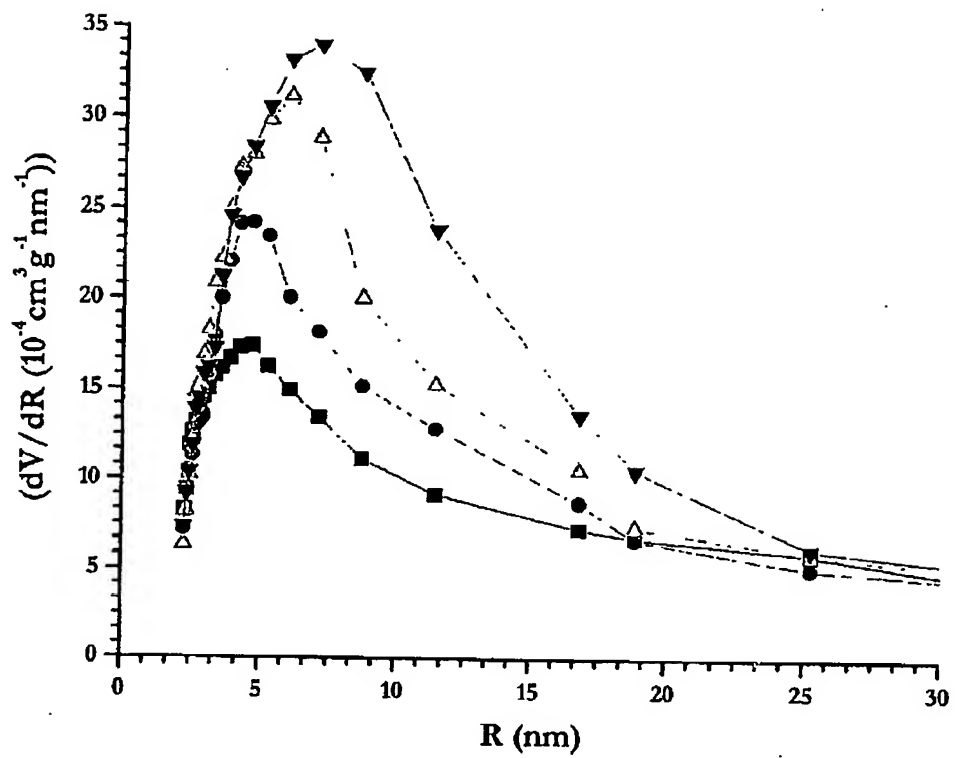


FIGURE 3

	<b>Composition of Microemulsion (wt%)*</b>				
<b>Samples</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Water</b>	<b>26.0</b>	<b>20.0</b>	<b>26.0</b>	<b>25.0</b>	<b>25.0</b>
<b>AIPSA</b>	<b>28.0</b>	<b>30.0</b>	<b>29.0</b>	<b>29.0</b>	<b>-</b>
<b>AUPSA</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29.0</b>
<b>AN</b>	<b>-</b>	<b>15.0</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>MMA</b>	<b>25.0</b>	<b>23.5</b>	<b>30.0</b>	<b>20.0</b>	<b>30.0</b>
<b>SPM</b>	<b>20.0</b>	<b>-</b>	<b>14.0</b>	<b>14.0</b>	<b>-</b>
<b>SPI</b>	<b>-</b>	<b>10.0</b>	<b>-</b>	<b>-</b>	<b>15.0</b>
<b>NAMAP</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.0</b>	<b>-</b>
<b>A174</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.0</b>	<b>-</b>
<b>MBAA</b>	<b>-</b>	<b>1.5</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>EGDMA</b>	<b>1.0</b>	<b>-</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
<b>Ion Conductivity after treated with 0.5M H<sub>2</sub>SO<sub>4</sub></b>					
<b>S/cm</b>	<b>0.16</b>	<b>0.11</b>	<b>0.11</b>	<b>0.14</b>	<b>0.09</b>

- Polymerization by UV-initiator: 0.3wt%

FIGURE 4

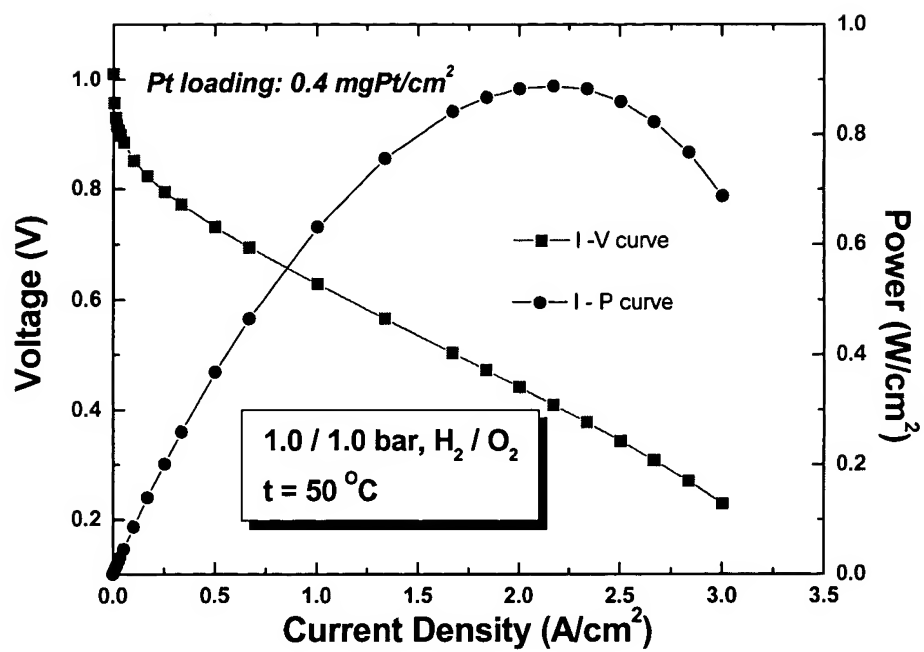


FIGURE 5

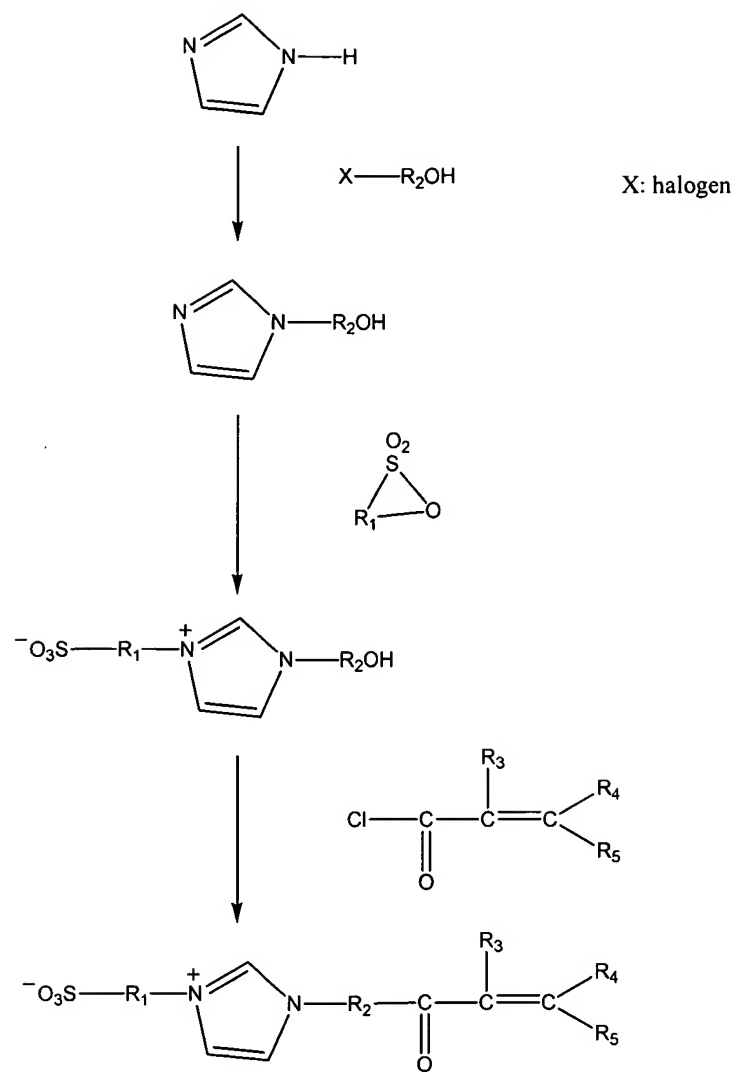


FIGURE 6A

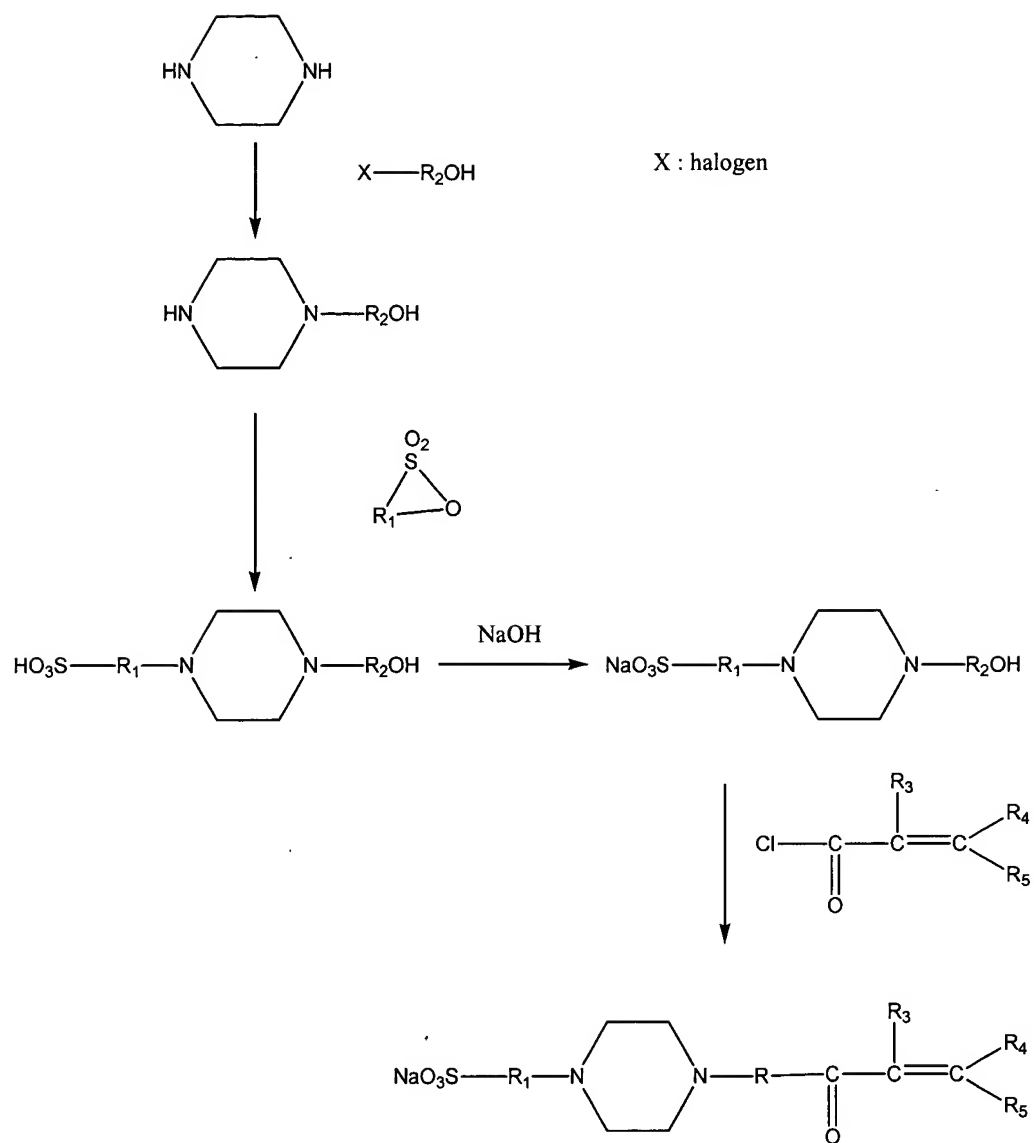


FIGURE 6B

Sample	Composition of precursor microemulsions			Appearance	
	Water	MMA	AIPSA	BP	AP
AIPSA-1	25	37.5	37.5	Clear	Clear
AIPSA-2	30	35	35	Clear	Clear
AIPSA-3	35	32.5	32.5	Clear	Clear
AIPSA-4	40	30	30	Clear	Clear

FIGURE 7